SEQUENCE LISTING

<110> Daly, John Michael

<120> Constructs for Gene Expression Analysis

<130> 12177722

<140> Unassigned
<141> 2003-09-09

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<151> 2001-03-09

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<151> 2002-03-08

<160> 57

<170> PatentIn version 3.2

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<400> 1
uuauuuauu   9

<210> 2
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<212> RNA
<213> mammalian

<400> 2
uuauuuaww   9

<210> 3
<211> 5
<212> RNA
<213> mammalian

<400> 3
auuua   5

<210> 4
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<213> mammalian

<400> 4
auuu   4

<210> 5
<211> 13
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<213> Artificial Sequence

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<400>  5
auuuauuuau uua                                                          13


<210>  6
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<212>  RNA
<213>  Artificial Sequence

<220>
<223>  AUUUAx3 Version 2

<400>  6
auuuaauuua auuua                                                        15


<210>  7
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<213>  Artificial Sequence

<220>
<223>  HindIII site

<400>  7
aagctt                                                                  6


<210>  8
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Clontech's d1 mutant of MODC

<400>  8
aagcttagcc atggcttccc gccggcggtg gcggcgcagg atgatggcac gctgcccatg   60

tcttgtgccc aggagagcgg gatggaccgt caccctgcag cctgtgcttc tgctaggatc  120

aatgtgtag                                                           129


<210>  9
<211>  56
<212>  RNA
<213>  Artificial Sequence

<220>
<223>  RNA destabilising linker

<400>  9
uuauuuauug gcgguuauuu auucggcguu auuuauugcg cguuauuuau uacuag        56


<210>  10
<211>  11
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<213>  Artificial Sequence

<220>
<223>  EclHK1 recognition sequence


<220>
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<222>  (1)..(8)
<223>  n = any nucleotide

<400>  10
gacnnnngt c                                                              11


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<211>  11
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  EclHK1 recognition sequence Example 1


<220>
<221>  misc_feature
<222>  (4)..(5)
<223>  n = any nucleotide

<220>
<221>  misc_feature
<222>  (7)..(8)
<223>  n = any nucleotide

<400>  11
gacnntnngt c                                                             11


<210>  12
<211>  11
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  EclHK1 recognition sequence Example 2


<220>
<221>  misc_feature
<222>  (4)..(5)
<223>  n = any nucleotide

<220>
<221>  misc_feature
<222>  (7)..(8)
<223>  n = any nucleotide

<400>  12
gacnnanngt c                                                             11


<210>  13
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<211>   9
<212>   DNA
<213>   mammalian

<400>   13
ttatttatt                                                                    9


<210>   14
<211>   75
<212>   DNA
<213>   mammalian

<400>   14
aaaacgtttt attgtgtttt taatttattt attaagatgg attctcagat atttatattt      60

ttattttatt ttttt                                                             75


<210>   15
<211>   226
<212>   DNA
<213>   mammalian

<400>   15
atgcatgatc aaatgcaacc tcacaacctt ggctgagtct tgagactgaa agatttagcc      60

ataatgtaaa ctgcctcaaa ttggactttg ggcataaaag aacttttta tgcttaccat      120

ctttttttt tctttaacag atttgtattt aagaattgtt tttaaaaaat tttaagattt       180

acacaatgtt tctctgtaaa tattgccatt aaatgtaaat aacttt                    226


<210>   16
<211>   73
<212>   DNA
<213>   mammalian

<400>   16
gtatgtttaa attatttta tacactgccc tttcttacct ttctttacat aattgaaata      60

ggtatcctga cca                                                             73


<210>   17
<211>   53
<212>   RNA
<213>   mammalian

<400>   17
aguaauauuu auauauuuau auuuuuaaaa uauuuauuua uuuauuuauu uaa             53


<210>   18
<211>   53
<212>   DNA
<213>   mammalian

<400>   18
agtaatattt atatatttat atttttaaaa tatttattta tttatttatt taa             53
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<210>   19
<211>   73
<212>   DNA
<213>   mammalian

<400>   19
aacgttttat tgtgtttta atttatttat taagatggat tctcagatat ttatattttt        60

atttttattt ttt                                                          73


<210>   20
<211>   70
<212>   DNA
<213>   mammalian

<400>   20
ttttattgtg tttttaattt atttattaag atggattctc agatatttat attttttattt      60

tattttttttt                                                             70


<210>   21
<211>   89
<212>   RNA
<213>   mammalian

<400>   21
uuucguuaac uguguaugua cauauauaua uuuuuuaauu ugauuaaagc ugauuacugu        60

gaauaaacag cuucaugccu uuguaaguu                                         89


<210>   22
<211>   89
<212>   DNA
<213>   mammalian

<400>   22
tttcgttaac tgtgtatgta catatatata ttttttaatt tgattaaagc tgattactgt        60

gaataaacag cttcatgcct ttgtaagtt                                         89


<210>   23
<211>   6
<212>   RNA
<213>   mammalian

<400>   23
aauaaa                                                                   6


<210>   24
<211>   89
<212>   RNA
<213>   Artificial Sequence

<220>
<223>   Mutant of Peng c-jun ARE
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<400>   24
uuucguuaac uguguaugua cauauauaua uuuuuuaauu ugauuaaagc ugauuacugu       60

ggauccacag cuucaugccu uuguaaguu                                          89


<210>   25
<211>   89
<212>   DNA
<213>   Artificial Sequence

<220>
<223>   DNA encoding mutant of Peng c-jun ARE

<400>   25
tttcgttaac tgtgtatgta catatatata tttttaatt tgattaaagc tgattactgt        60

ggatccacag cttcatgcct ttgtaagtt                                          89


<210>   26
<211>   36
<212>   RNA
<213>   mammalian

<400>   26
ucuauuuauu aauauuuaac auuauuuaua uauggg                                  36


<210>   27
<211>   36
<212>   DNA
<213>   mammalian

<400>   27
tctatttatt aatatttaac attatttata tatggg                                  36


<210>   28
<211>   124
<212>   RNA
<213>   mammalian

<400>   28
cucuauuuau uuaaauauuu aacuuuaauu uauuuuugga uguauuguuu acuaacuuuu        60

agugcuuccc acuuaaaaca uaucaggcuu cuauuuauuu aaauauuuaa auuuuauauu       120

uauu                                                                    124


<210>   29
<211>   124
<212>   DNA
<213>   mammalian

<400>   29
ctctatttat ttaaatattt aactttaatt tatttttgga tgtattgttt actaacttt        60

agtgcttccc acttaaaaca tatcaggctt ctatttattt aaatatttaa attttatatt      120

tatt                                                                    124
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<210>   30
<211>   46
<212>   RNA
<213>   mammalian

<400>   30
auaaacccua auuuuuuua uuuaaguaca uuuugcuuuu aaaguu                          46


<210>   31
<211>   46
<212>   DNA
<213>   mammalian

<400>   31
ataaacccta attttttta tttaagtaca ttttgctttt aaagtt                          46


<210>   32
<211>   119
<212>   RNA
<213>   mammalian

<400>   32
uagaauauuu auuaccucug auaccucaac ccccauuucu auuuauuuac ugagcuucuc          60

ugugaacgau uuagaaagaa gcccaauauu auaauuuuuu ucaauauuua uuauuuuca          119


<210>   33
<211>   119
<212>   DNA
<213>   mammalian

<400>   33
tagaatattt attacctctg atacctcaac ccccatttct atttatttac tgagcttctc          60

tgtgaacgat ttagaaagaa gcccaatatt ataatttttt tcaatattta ttattttca          119


<210>   34
<211>   105
<212>   RNA
<213>   mammalian

<400>   34
ucagcuauuu acugccaaag ggaaauauca uuuauuuuuu acauuauuaa gaaaaaagau          60

uuauuuauuu aagacagucc caucaaaacu ccgucuuugg aaauc                         105


<210>   35
<211>   105
<212>   DNA
<213>   mammalian

<400>   35
tcagctattt actgccaaag ggaaatatca tttatttttt acattattaa gaaaaaagat          60

ttatttattt aagacagtcc catcaaaact ccgtctttgg aaatc                         105
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<210>  36
<211>  34
<212>  RNA
<213>  mammalian

<400>  36
auuauuuauu auuuauuuau uauuuauuua uuua                              34


<210>  37
<211>  34
<212>  DNA
<213>  mammailan

<400>  37
attatttatt atttatttat tatttattta ttta                              34


<210>  38
<211>  55
<212>  RNA
<213>  mammalian

<400>  38
uauuuuauuc cauuaaggcu auuuauuuau guauuuaugu auuuauuuau uuauu         55


<210>  39
<211>  55
<212>  DNA
<213>  mammalian

<400>  39
tatttattc cattaaggct atttatttat gtatttatgt atttatttat ttatt          55


<210>  40
<211>  9
<212>  DNA
<213>  mammalian

<400>  40
ttatttaww                                                          9


<210>  41
<211>  5
<212>  DNA
<213>  mammalian

<400>  41
attta                                                              5


<210>  42
<211>  4
<212>  DNA
<213>  mammalian

<400>  42
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attt                                                                    4


<210>  43
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<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Consensus DST sequence


<220>
<221>  misc_feature
<222>  (5)..(5)
<223>  n = from 2-9 nucleotides, wherein each individual nucleotide can
       be any nucleotide

<220>
<221>  misc_feature
<222>  (15)..(15)
<223>  n = from 3-8 nucleotides, wherein each individual nucleotide can
       be any nucleotide

<400>  43
ggagncatag attanmwwtt tgtay                                             25


<210>  44
<211>  25
<212>  DNA
<213>  Soybean


<220>
<221>  misc_feature
<222>  (5)..(5)
<223>  n = 5 nucleotides , wherein each individual nucleotide can be any
       nucleotide

<220>
<221>  misc_feature
<222>  (15)..(15)
<223>  n =8 nucleotides , wherein each individual nucleotide can be any
       nucleotide

<400>  44
ggagncatag attanaaatt tgtac                                            25


<210>  45
<211>  25
<212>  DNA
<213>  Arabidopsis


<220>
<221>  misc_feature
<222>  (5)..(5)
<223>  n = 9 nucleotides , wherein each individual nucleotide can be any
       nucleotide
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<220>
<221>  misc_feature
<222>  (15)..(15)
<223>  n = 8 nucleotides , wherein each individual nucleotide can be any
       nucleotide

<400>  45
ggaancatag atcgncaatg cgtat                                           25


<210>  46
<211>  30
<212>  RNA
<213>  mammalian

<400>  46
guucuugcuu caacaguguu ugaacggaac                                      30


<210>  47
<211>  30
<212>  DNA
<213>  mammalian

<400>  47
gttcttgctt caacagtgtt tgaacggaac                                      30


<210>  48
<211>  29
<212>  RNA
<213>  mammalian

<400>  48
gauuaucggg agcagugucu uccauaauc                                       29


<210>  49
<211>  29
<212>  DNA
<213>  mammalian

<400>  49
gattatcggg agcagtgtct tccataatc                                       29


<210>  50
<211>  226
<212>  DNA
<213>  mammalian

<400>  50
atgcatgatc aaatgcaacc tcacaacctt ggctgagtct tgagactgaa agatttagcc     60

ataatgtaaa ctgcctcaaa ttggactttg ggcataaaag aactttttta tgcttaccat    120

cttttttttt tctttaacag atttgtattt aagaattgtt tttaaaaaat tttaagattt    180

acacaatgtt tctctgtaaa tattgccatt aaatgtaaat aacttt                   226


<210>  51
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```
<211>  30
<212>  RNA
<213>  mammalian


<220>
<221>  misc_feature
<222>  (4)..(4)
<223>  n = from 20-40 nucleotides, wherein individual nucleotides are
       selected from any nucleotide

<220>
<221>  misc_feature
<222>  (19)..(19)
<223>  n is a, c, g, or u

<400>  51
uganccaaag gyyyuuyuna rrrccaccca                                        30


<210>  52
<211>  30
<212>  DNA
<213>  mammalian


<220>
<221>  misc_feature
<222>  (4)..(4)
<223>  n = from 20-40 nucleotides, wherein individual nucleotides are
       selected from any nucleotide

<220>
<221>  misc_feature
<222>  (19)..(19)
<223>  n is a, c, g, or t

<400>  52
tganccaaag gyyyttytna rrrccaccca                                        30


<210>  53
<211>  16
<212>  RNA
<213>  mammalian


<220>
<221>  misc_feature
<222>  (5)..(5)
<223>  n = any number of nucleotides, wherein individual nucleotides are
       selected from any nucleotide

<220>
<221>  misc_feature
<222>  (11)..(11)
<223>  n = any number of nucleotides, wherein individual nucleotides are
       selected from pyrimidines

<400>  53
yccancccwy yucycc                                                       16
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<210>  54
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<212>  DNA
<213>  mammalian

<400>  54
cctcctgccc gctgggcctc ccaacgggcc ctcctccct ccttgc                    46


<210>  55
<211>  5
<212>  DNA
<213>  mammalian

<400>  55
cctcc                                                                 5


<210>  56
<211>  9
<212>  DNA
<213>  mammalian

<400>  56
cctcctgcc                                                             9


<210>  57
<211>  14
<212>  DNA
<213>  mammalian

<400>  57
ccctcctccc ctgg                                                       14
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